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Publication Title:

ELECTRIC OSCILLATORY MACHINE

Abstract:

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An oscillatory machine (200) comprises a support (220) having a load carrying surface (222) and an opposite surface (224), an electric motor (21) having an air gap (218) through which lines of magnetic flux extend, an armature (214) coupled to the support, said armature provided with at least two electrically conductive paths [CA,CB,CC] each having at least one current carrying segment disposed in the air gap and substantially perpendicularly intersected by the lines of magnetic flux (fig.1) to produce thrust forces [TA, TB, TC] which act to move the armature and thus said support in two dimensions in a plane, a bearing support system (272) suspending said armature in the air gap, said bearing support system disposed between the said support and said armature. Data supplied from the esp@cenet database - Worldwide

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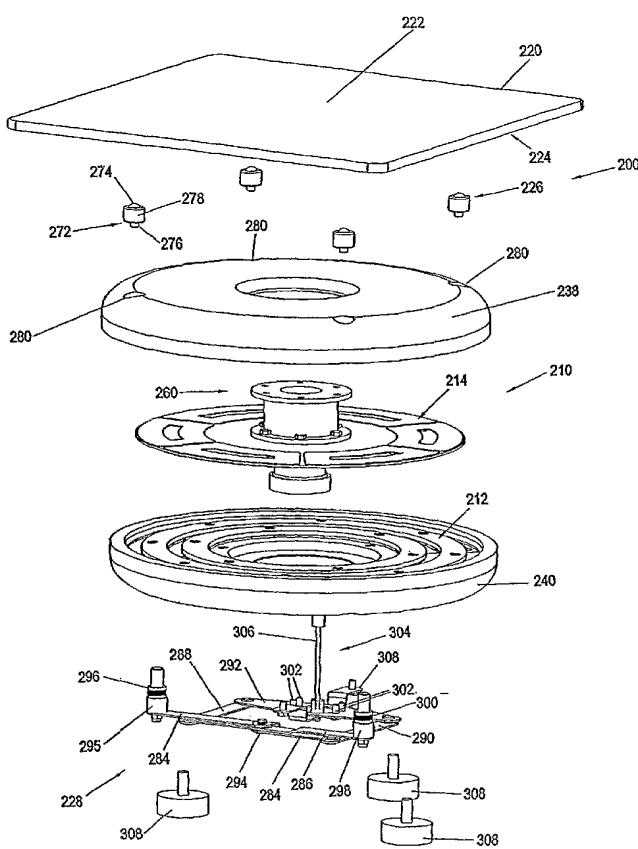
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